

APPENDIX N:
SCOPING MEETING DISPLAY BOARDS



Welcome



Welcome to the California High-Speed Rail Authority's Scoping Meeting



What are High-Speed Trains?



- Intercity passenger trains operating at maximum speeds of at least 200 miles per hour
- Tracks separated from roads and highways
- Proven technology – Safe and Reliable
 - Successfully operating throughout Europe and Asia



CHSRA Train Concept

Other High-Speed Trains around the World



TGV, France



Intercity Express, Germany



Shinkansen, Japan



Statewide High-Speed Rail Route



Connecting:

- San Francisco Bay Area
- Los Angeles
- Orange County
- San Diego
- Inland Empire
- Central Valley
- Sacramento



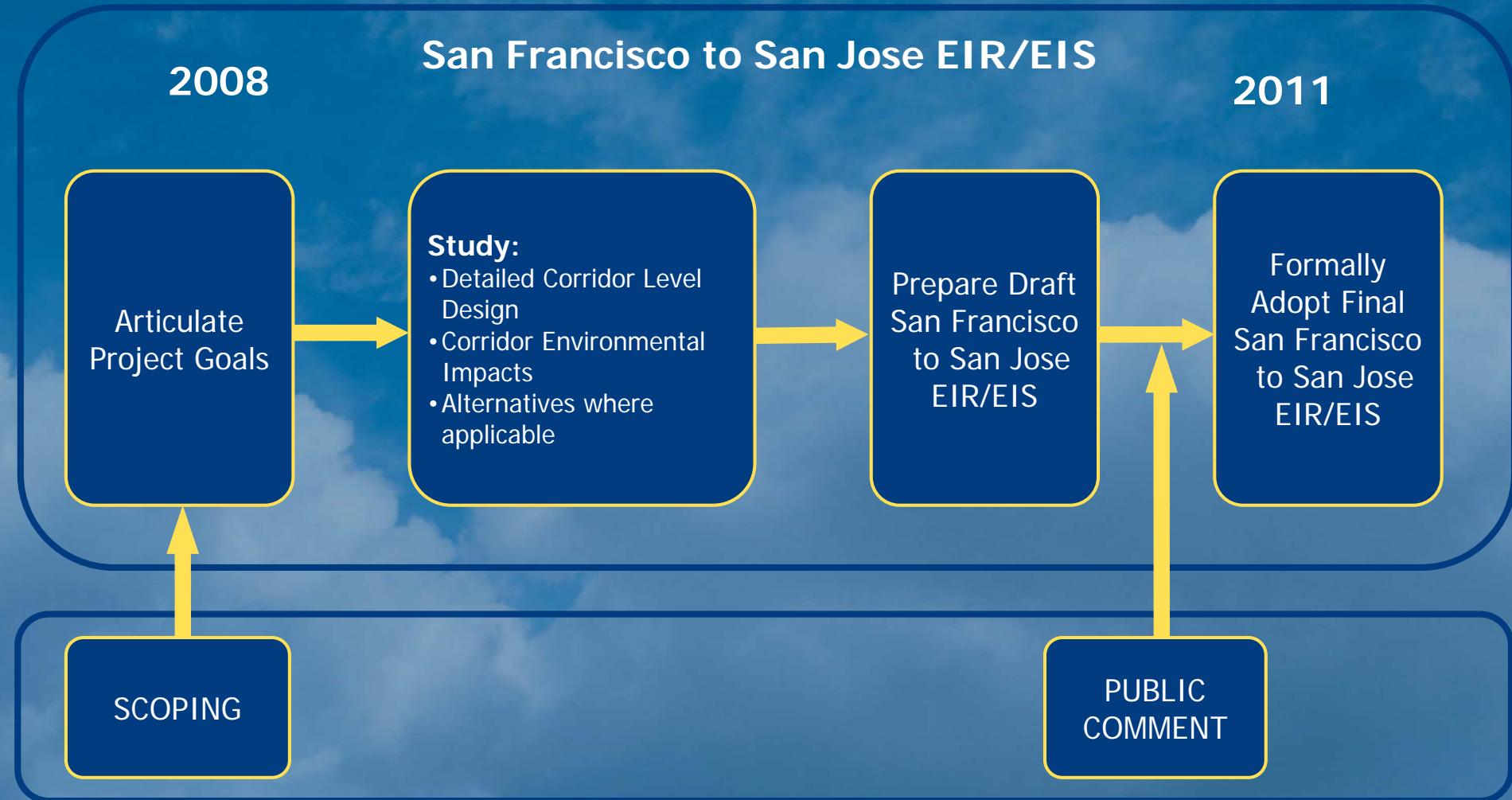
Project Process



2008

San Francisco to San Jose EIR/EIS

2011





San Francisco to San Jose Section Map





Grade Separations



- Grade separations are underpasses and overpasses where roadways cross railroad tracks
- Grade separations reduce congestion and noise and improve safety
- California High-Speed Rail tracks will be grade-separated from adjacent roadways



Before

Typical Underpass

After



Before

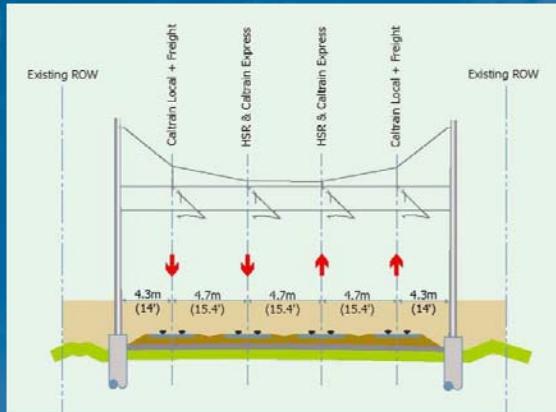
Typical Overpass/Trench

After

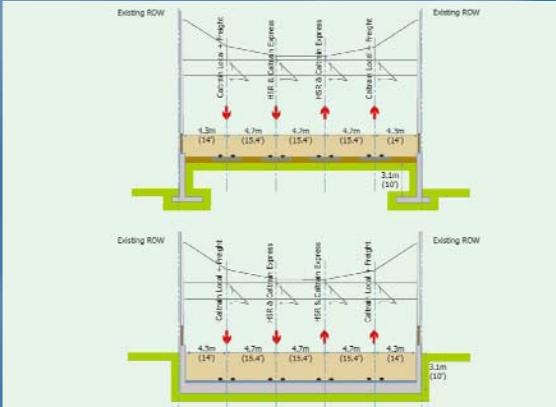




Typical Structures along Alignment

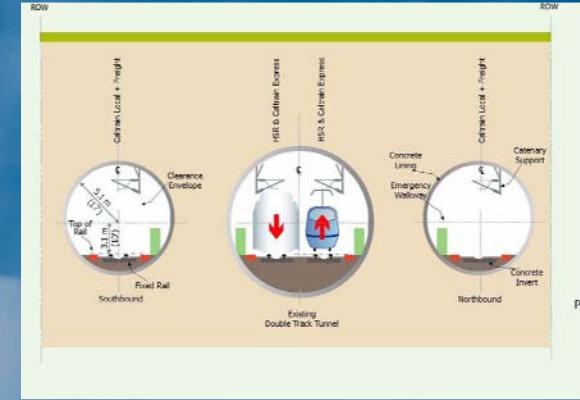


4 Tracks at Grade
Typical Structures
Depressed/Embankment

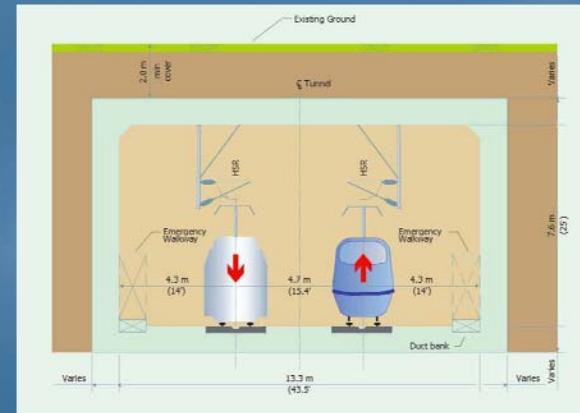


- Portions of the alignment will need special structures to fit into built environment

- Structures could include:
 - Aerial Structures (bridges)
 - Tunnels
 - Trenches
 - Hillside Cuts



Twin Single Track Tunnels
Typical Structures
Cut-and-Cover Tunnel Mainline





Public Participation

How to Comment



Thank you for attending today's scoping meeting. Please fill out a comment sheet, hand it to a staff person or leave it in the comment boxes provided at each station. If you want to comment outside the meeting, here is how to provide input:

Written Comments –

California High-Speed Rail Authority
Mr. Dan Leavitt, Deputy Director
Attn: San Francisco to San Jose HST Project
EIR/EIS
925 L Street, Suite 1425
Sacramento, CA 95814
Fax: (916) 322-0827

Emailed Comments –

California High-Speed Rail Authority
comments@hsr.ca.gov
Include in the subject line:
San Francisco to San Jose HST

Comments must be received no later than March 6, 2009.
For more project information visit the authority's website:

www.cahighspeedrail.ca.gov or phone 510-587-8640



Purpose and Need



The High Speed Train would ...

- Provide a new mode of high-speed intercity travel that would link major metropolitan areas
- Interface with international airports, mass transit, and highways
- Provide added capacity to meet increases in intercity travel demand in California in a manner sensitive to and protective of California's unique natural resources

Current and Projected Issues

- Expected growth in population
- Increases in intercity travel demand
- Increases in travel delays arising from the growing congestion on California's highways and at airports
- Negative effects on the economy, quality of life, and air quality in and around California's metropolitan areas
- Intercity highway system, commercial airports, and convention passenger rail serving the intercity market at or near capacity



Project Alternatives to Discuss in EIR/EIS



What alternatives will be addressed in the EIR/EIS?

No-Build/No-Project Alternative

No Major Capacity Enhancement

Implement Funded Improvements Only

High-Speed Train Alternative

San Francisco to San Jose Caltrain right-of-way

Plan and profile design options/variations

Local grade separations

Preferred stations: Transbay Transit Center (San Francisco), Millbrae, and Diridon (San Jose)

Potential stations: Redwood City or Palo Alto

Potential light maintenance facility



Environmental Issues of Concern



- Air Quality
- Noise/Vibration
- Traffic and Circulation
- Land Use, Development, Planning, & Growth
- Biological Resources—Section 7 or Section 10, 2081 Permit
- Wetlands/Waters of the United States—Sections 401 & 404, 1600
- Community Impacts/Environmental Justice
- Parks and Recreational Facilities—Section 4(f)
- Historic/Archeological Resources—Section 106
- Construction Impacts
- Cumulative Impacts
- Visual Quality & Aesthetics
- Hazards and Hazardous Materials
- Flood Hazards, Floodplains, and Water Quality



Key Issues



What issues will be addressed in the EIR/EIS?

- Historical and Cultural Resources, including train stations
- Community Character – visual, land use, and noise compatibility
- Accessibility of Stations from Local Communities
- Connectivity with Other Modes of Travel
- Constructability of the HST System
- Power Supply/Energy Requirements
- Right-of-Way Constraints
- Safety and Security
- Station Development



Caltrain Corridor





CALIFORNIA
HIGH-SPEED RAIL
AUTHORITY

Caltrain Corridor

U.S. Department
of Transportation
Federal Railroad
Administration

